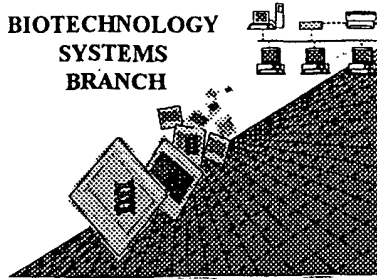


8 090  
01/08 1632

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



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JAN 17 2002  
TECH CENTER 1600/2330  
#8

## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/629,469  
Source: 1600  
Date Processed by STIC: 1/7/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER  
VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE: SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)

2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name,  
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,  
2011 South Clark Place, Arlington, VA 22202

4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,  
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/629,469

DATE: 01/07/2002

TIME: 13:02:31

Input Set : D:\7SQ1.txt

Output Set: N:\CRF3\01072002\I629469.raw

Does Not Comply  
Corrected Diskette Needed

3 <110> APPLICANT: OTA, TOSHIO  
4 ISOGAI, TAKAO  
5 NISHIKAWA, TETSUO  
6 HAYASHI, KOJI  
7 SAITO, KAORU  
8 YAMAMOTO, JUNICHI  
9 ISHII, SHIZUKO  
10 SUGIYAMA, TOMOYASU  
11 WAKAMATSU, AI  
12 NAGAI, KEIICHI  
13 OTSUKI, TETSUJI  
15 <120> TITLE OF INVENTION: PRIMERS FOR SYNTHESIZING FULL-LENGTH cDNA AND THEIR USE  
17 <130> FILE REFERENCE: 084335/0123  
19 <140> CURRENT APPLICATION NUMBER: 09/629,469  
20 <141> CURRENT FILING DATE: 2000-07-28  
22 <150> PRIOR APPLICATION NUMBER: JP 1999-248036  
23 <151> PRIOR FILING DATE: 1999-07-29  
25 <150> PRIOR APPLICATION NUMBER: JP 1999-300253  
26 <151> PRIOR FILING DATE: 1999-08-27  
28 <150> PRIOR APPLICATION NUMBER: JP 2000-118776  
29 <151> PRIOR FILING DATE: 2000-01-11  
31 <150> PRIOR APPLICATION NUMBER: JP 2000-183767  
32 <151> PRIOR FILING DATE: 2000-05-02  
34 <150> PRIOR APPLICATION NUMBER: JP 2000-241899  
35 <151> PRIOR FILING DATE: 2000-06-09  
37 <150> PRIOR APPLICATION NUMBER: 60/159,590  
38 <151> PRIOR FILING DATE: 1999-10-18  
40 <150> PRIOR APPLICATION NUMBER: 60/183,322  
41 <151> PRIOR FILING DATE: 2000-02-17  
E--> 43 <160> NUMBER OF SEQ ID NOS: 19025 *see pp 2-3*  
45 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

<400> 6000 (end of first file)  
ggagacgaag tctcgctttg tcaccaggc tggagtgcag cggcatgac tcggctcact 60  
gtaacctcca cctcctgggt tcaagcaatt ctctgcctc aacctoctga gtagctggga 120  
ttacaggcat gcaccacat gccagattt ttctgcatta ttattattat tattatttgt 180  
ttttagtaga gacgggggtt caccatgttg tccaggctgg ttctgaactc ctgacttcaa 240  
gtgatctgcc tgtctcagcc tcccaaagtg ctgagattac aggcattgagc caccatgcct 300  
ggccacaaac atttatttac tattttgagt atatgtttaa agcatccaag cacattttat 360  
ccaattttta agatatatta tccatgcttt aaaacttttg gaaaatattt taactcagag 420  
atgtctacat tctctggatt ttcatatta attcaatatg atgtacagta aaggaattta 480  
atggatcacc tatattcatt ttctgtgttg ggctttaagg nacaaagaca ttctggagtt 540  
naaccggg 548

Submitted CD had six files on it. The first file, 7SQ1, only contained 6,000 sequences (see above). The second file, 7SQ2, began at sequence 6,001 (see P. 3)

DO NOT DIVIDE THE SEQUENCE LISTING INTO SEPARATE FILES.

Per 1.824(d) Sequence Rules, "The computer readable form shall contain a single 'Sequence Listing'..."

<210> 6001  
<211> 536  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (453)..(453)  
<223> "n" may be a, t, c, g, other or unknown

<220>  
<221> misc\_feature  
<222> (536)..(536)  
<223> "n" may be a, t, c, g, other or unknown

<400> 6001

*FYI* Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/629,469

DATE: 01/07/2002

TIME: 13:03:24

Input Set : D:\7SQL.txt

Output Set: N:\CRF3\01072002\I629469.raw

L:111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:361 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:424 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:483 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:601 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:603 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:725 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:851 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:904 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:1010 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/629,469

DATE: 01/07/2002

TIME: 13:03:24

Input Set : D:\7SQ1.txt

Output Set: N:\CRF3\01072002\I629469.raw

L:1014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16

L:43 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (19025) Counted (6000)